

CHANNEL COMMUNICATION APPARATUS AND METHOD IN CDMA COMMUNICATION SYSTEM

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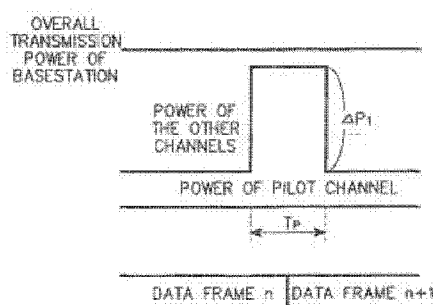
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A channel communication apparatus and method are provided for a CDMA communication system method for acquiring signals from multiple adjacent base stations by a terminal; for providing more efficient set management; for providing more efficient multipath acquisition and finger assignment; and for acquiring a signal sent from an adjacent base station and a multipath signal which can reduce power consumption and hardware complexity in the terminal. The apparatus and methods also accurately measure the power or time delay of a signal received from a base station by a terminal in a CDMA communication system.; A channel communication apparatus and method are provided for a CDMA communication system for acquiring signals from multiple adjacent base stations by a terminal. Each base station sends temporarily a pilot signal at an increased power level so that a terminal can acquire sequentially the pilot signals sent from all adjacent base stations to accurately measure the received pilot signal strength or time of arrival to estimate the location of a terminal on a forward link. By means of the method set management, multipath acquisition and finger assignment can be advantageously improved and power consumption and hardware complexity of the terminal can be decreased.



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